

Description of the Product

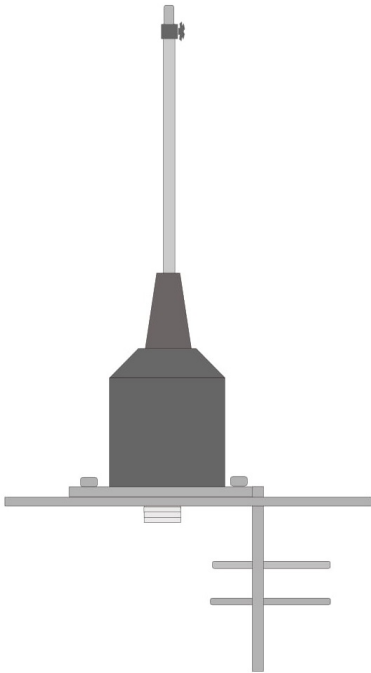
3dB 5/8-lambda Omni directional base antenna

Specification

FREQUENCY: 136 -174 MHz
 GAIN: Better than 3dB
 INPUT IMPEDENCE: 50 ohms
 V.S.W.R: <1:1.5
 BANDWIDTH: 7 MHz
 RADIATION: Omni Directional
 POWER HANDLING CAPACITY: 100 watts (max.)
 INPUT TERMINATION: SO 239
 CONSTRUCTION: Aluminum

Assembly Procedure

- Radiating element is adjustable. For exact/maximum gain, adjust the rod as per chart given.
- 2 ground plane rods to be fitted as per diagram.



FREQUENCY (MHz)	LENGTH (cms)
144	129.5
145	128.65
146	127.7
147	126.8
148	126
149	125.1
150	124.3
151	123.5
152	122.7
153	121.9
154	121.1
155	120.3
156	119.5
157	118.7
158	118
159	117.2
160	116.5
161	115.8
162	115.3
163	114.4
164	113.7
165	113
166	112.3
167	111.6
168	111
169	110.3
170	109.7
171	109
172	108.4
173	107.8
174	107

TYPICAL FREQUENCY TO SWR CHART

